COMMERCIAL ABOVE GROUND STORAGE TANK INSTALLATION
PERMIT APPLICATION & INSPECTION CHECKLIST

NEW HANOVER COUNTY FIRE SERVICES
230 GOVERNMENT CENTER DR., SUITE 130
WILMINGTON, NORTH CAROLINA 28403
(910) 798-7420, Fax (910) 798-7052
e-mail: fireforms@nhcgov.com

CITY OF WILMINGTON FIRE AND LIFE SAFETY
801 MARKET STREET
WILMINGTON, NC 28401
(910) 343-0696 Fax (910) 341-0097
e-mail : fls@wilmigntonnc.gov

Is your project located in the Wilmington City limits _____ or the unincorporated area of New Hanover County _____?

CONTRACTOR REQUESTING PERMIT

NAME: _____ OFFICE PHONE _____
ADDRESS: _____ FAX _____
CONTACT PERSON: _____ CELL _____E-MAIL _____
LICENSE # _____

TANK INFORMATION

LOCATION OF TANK(S) TO BE INSTALLED _____
NAME OF BUSINESS/FACILITY _____

OWNER NAME: _____ PHONE _____
ADDRESS: _____ FAX _____
CONTACT PERSON: _____ CELL _____E-MAIL _____

PERMIT INFORMATION

AG Tank Info	Tank #1	Tank #2	Tank #3	Tank #4	Tank #5
Tank Capacity					
Substance Stored					
Is Tank Regulated?					
Tank Constructed of					
Piping Constructed of					

FEE FOR PERMIT WILL BE ASSESSED BY APPROPRIATE PERMITTING JURISDICTION

Method of Payment CASH CHECK CREDIT CARD CHARGE ACCOUNT # _____

Date of Application _____ Applicants Name _____

Applicants Signature _____

By signing this permit application, you certify that all information provided is accurate and correct.

OFFICE USE ONLY

PERMIT NUMBER ASSIGNED: _____

Permit Fee Assessed _____

Inspector Reviewing Application _____

Application for Permit AP _____ or DA _____

Comments _____

DATE OF INSPECTION: _____

Inspected by _____

Inspection AP _____ or DA _____

Project Notes:

VI. TANK INSTALLATION INFORMATION – Respond: **Y**-yes, **N**-no or **?**-did not observe	**1**	**2**	**3**	**4**	**5**
1. Have plans been submitted & approved?					
2. Distance to wall, basement or pit not less than 1 foot?					
3. Distance to nearest property line not less than 3 feet?					
4. Tanks surrounded with 6" of non-corrosive inert material?					
5. Vehicle Traffic - 3' of earth cover or 18" of tamped earth and 6" of concrete or 8" of asphaltic concrete?					
6. Non-Vehicle Traffic - 2' of earth or 1' earth and 4" of reinforced concrete?					
7. Tanks are at least 1' apart or 2' if fiberglass?					
8. Are tanks secured to prevent movement?					
9. Tank hydrostatically tested not < 3 psi or > 5 psi for 1 hour.					
VII. VENTING REQUIREMENTS					
1. Class I - Not less than 12' above adjacent ground level.					
2. Class II or IIIA - Shall terminate outside of bldg and above the fill pipe opening.					
3. Vents protected against blockage from weather, dirt, etc.					
4. Not less than 5' from building opening					
5. Vapors will not accumulate, enter a bldg, or travel to an unsafe location.					
VIII. OTHER OPENINGS					
1. All openings liquid tight?					
2. Fill and discharge enter only from the top?					
3. Class I - Tank > 1000 gallons has a tight fill device for fill hose?					
4. Fill pipes entering top of tank terminate within 6" of the bottom of the tank?					
IX. PIPING					
1. Tested to 150% of maximum anticipated pressure or 75 psi for 30 minutes					
2. Correct separation between pipes within the same trench					
3. Vehicle Traffic - trench depth - 6" of well-compacted backfill					
4. Vehicle traffic- trench depth - covered with 18 " of well-compacted backfill material and pavement					
4. ¼" per foot slope on all piping back to the tank.					
5. Is all piping installed according to recognized standards?					
X. OVERFILL PROTECTION					
1. Is the driver alerted when the tank is 90% full by restricting the flow of the liquid into the tank or triggering a high level alarm?					
2. Is the flow of liquid automatically shut-off at the 95% level?					
3. Is there an overspill prevention holding reservoir.					
XI. OTHER					
1. Are the unloading risers color coded or marked to identify the type of product?					

INSPECTION COMMENTS